September 2008

DEPARTMENT OF THE NAVY

Assistant Secretary of the Navy
(ASN) Research Development
and Acquisition (RDA)

NAVAL PoPS

Program Health Assessment Guidance for Naval Acquisition Programs

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NAVAL PoPS
VISUALS HANDBOOK

Supplement for the Implementation of Naval PoPS

A Program Health Assessment Methodology
for Navy and Marine Corps Acquisition Programs

SEPTEMBER 2008
VERSION 1.0

NAVAL POPS VISUALS HANDBOOK INTRODUCTION

The Naval PoPS Visuals Handbook provides the required Metric Visual PowerPoint Templates for DON Gate Reviews (Chapter 1), as well as instructions for using the Naval PoPS Visuals Spreadsheet (Chapter 2). Ctrl+Click to navigate directly to a section listed in the Table of Contents.

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Chapter 1

Naval PoPS Visuals Templates

INTRODUCTION TO NAVAL POPS VISUALS

Chapter 1 provides *notional examples* of how the Metric Visuals [PowerPoint (PPT) slide templates] should be populated for each DON Gate Review Brief. The Program Manager or designated user must reference the appropriate Naval PoPS Brief PPT file (see list of reference files below) when preparing the Metric Visuals for the upcoming program review.

It is important to note that there are two versions of the Naval PoPS Brief files for Gates 3 and 4; separate template files were created because some of the Metric Criteria and associated Visuals for Gates 3 and 4 are tailored specifically to program initiation at Milestone A versus Milestone B. The Metric Visual PPT Template reference files include:

Gate 1_POPS BRIEF_ MMDDYY_v1.ppt
Gate 2_POPS BRIEF_MMDDYY_v1.ppt
Gate 3_MSA_POPS BRIEF_MMDDYY_v1.ppt
Gate 3_MSB_POPS BRIEF_MMDDYY_v1.ppt
Gate 4_MSA_POPS BRIEF_MMDDYY_v1.ppt
Gate 4_MSB_POPS BRIEF_MMDDYY_v1.ppt
Gate 5_POPS BRIEF_MMDDYY_v1.ppt
Gate 6 Post IBR_POPS BRIEF_MMDDYY_v1.ppt
Gate 6 Post CDR_POPS BRIEF_MMDDYY_v1.ppt
Gate 6 CPD_POPS BRIEF_MMDDYY_v1.ppt
Gate 6 Pre FRP_POPS BRIEF_MMDDYY_v1.ppt

At the top of each template example provided on the following pages, there is a header with a slide number and Gate information. For example, a header that reads, “Slide 1.1: Gate 1 Only,” means that the Visual is the first slide template, for the first Metric (Parameter Status). The second part of the header indicates that the template is only applicable for Gate 1.

While the Metric Visuals are required for each Naval PoPS Gate Review Brief on Program Health, the Program Manager or designated user may create additional supporting Metric Visuals as needed. For example, a Program Manager may choose to create a new PowerPoint slide to provide a more detailed explanation on a Red Metric.

Reminder: Visual Templates are Metric- and Gate-specific. They are required for the Program Health component of each DON Gate Review.

Slide 0.1 – Gate 1 to Gate 6 (Pre FRP)

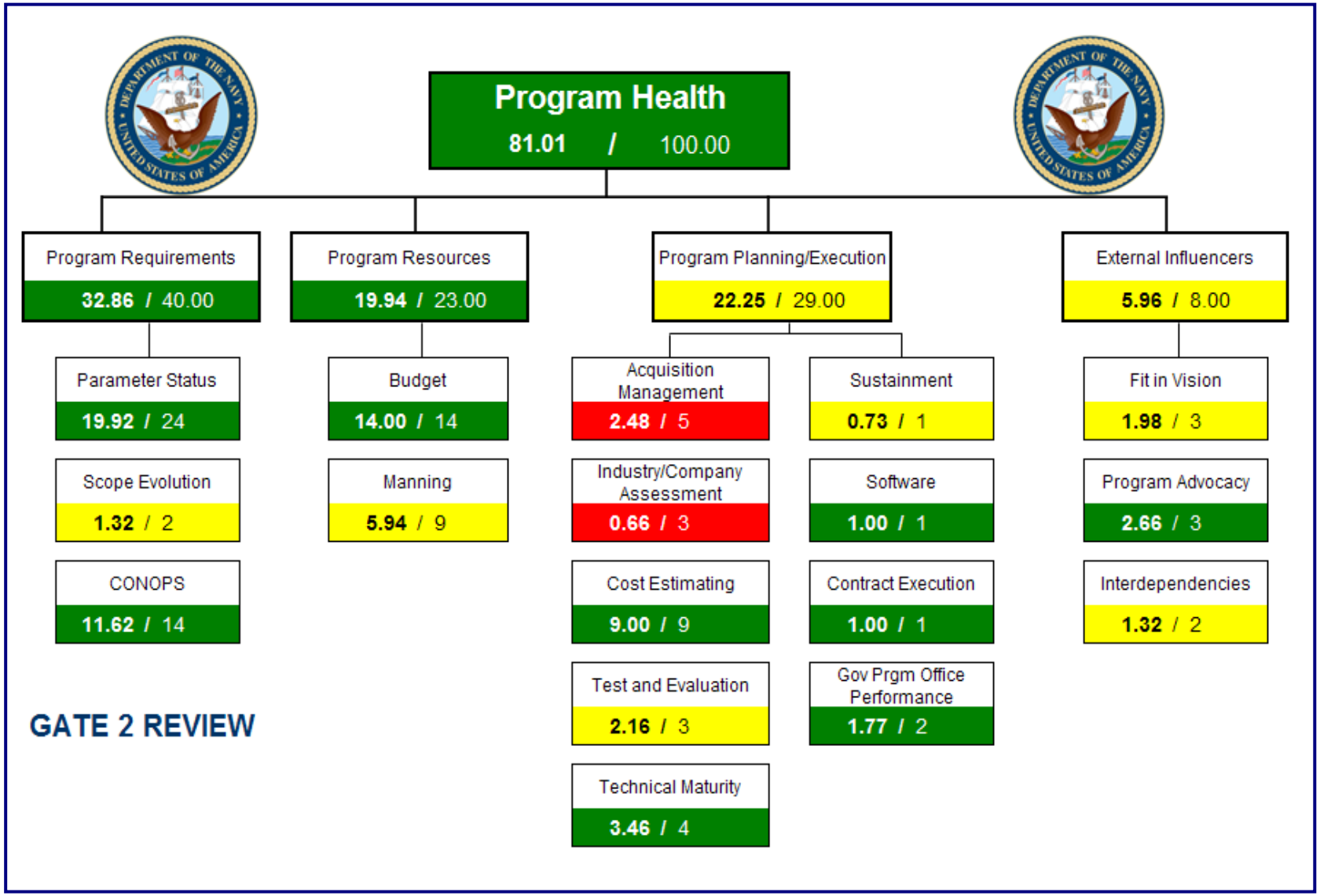
GATE 2 REVIEW

PROGRAM NAME

Program Manager Name

Review Date MM/DD/YYYY

Slide 0.2 – Gate 1 to Gate 6 (Pre FRP)



Slide 1.1 – Gate 1 Only

Program Requirements

PARAMETER STATUS

ICD Capabilities / Requirements Definition

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

Capability:	Description:	Remarks:
Capability 1	Description	Remarks
Capability 2	Description	Remarks
Capability 3	Description	Remarks
Capability 4	Description	Remarks
Capability 5	Description	Remarks

Potential KPP:	Capability:	Remarks:
KPP #1	Capability 1	Remarks
KPP #2	Capability 1	Remarks
KPP #3	Capability 3	Remarks
KPP #4	Capability 5	Remarks
KPP #5	Capability 5	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 1.2 – Gate 2 Only

Program Requirements

PARAMETER STATUS

Analysis of Alternative Options

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

KPP:	Capability:	Remarks:
Alternative 1: KPP #1	Capability 1	Remarks
Alternative 1: KPP #2	Capability 3	Remarks
Alternative 1: KPP #3	Capability 4	Remarks
Alternative 2: KPP #1	Capability 1	Remarks
Alternative 2: KPP #2	Capability 4	Remarks
Alternative 2: KPP #3	Capability 5	Remarks
Alternative 3: KPP #1	Capability 2	Remarks
Alternative 3: KPP #2	Capability 4	Remarks
Alternative 3: KPP #3	Capability 4	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 1.3 - Gate 3 Only

Program Requirements

PARAMETER STATUS

PROGRAM NAME
GATE 3
PM NAME
DATE UPDATED

Key Performance Parameters

KPP:	Threshold:	Objective:	Achievability Estimate:	Trend:	Remarks:
KPP #1	Classified	Classified	Y	↑	Remarks
KPP #2	Classified	Classified	G	◆	Remarks
KPP #3	Classified	Classified	R	↓	Remarks
KPP #4	360 Degrees	360 Degrees	Y	↑	Remarks
KPP #5	>85%	>98%	G	◆	Remarks
KPP #6	≤ 1.5	≤ 1.4	R	◆	Remarks
KPP #7	≤ 30	≤ 25	G	↓	Remarks
KPP #8	≥ 9,000 lbs	≥ 9,000 lbs	Y	↑	Remarks
KPP #9	≥ 3,000 lbs	≥ 3,000 lbs	G	↓	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

High Achievability	Moderate Achievability	Low / No Achievability

↑ Improving ◆ Constant ↓ Degrading

Slide 1.4 – Gate 3 only

Program Requirements

PARAMETER STATUS

KSAs/TPMs/Other Attributes

PROGRAM NAME

GATE 3

PM NAME

DATE UPDATED

KSA / TPM / Other Attribute:	Threshold:	Objective:	Achievability Estimate:	Trend:	Remarks:
KSA #1	Classified	Classified	Y	↑	Remarks
KSA #2	Classified	Classified	G	◆	Remarks
KSA #3	Classified	Classified	R	↓	Remarks
KSA #4	360 Degrees	360 Degrees	Y	↑	Remarks
TPM #1	>85%	>98%	G	◆	Remarks
TPM #2	≤ 1.5	≤ 1.4	R	◆	Remarks
TPM #3	≤ 30	≤ 25	G	↓	Remarks
Other Attribute #1	≥ 9,000 lbs	≥ 9,000 lbs	Y	↑	Remarks
Other Attribute #2	≥ 3,000 lbs	≥ 3,000 lbs	G	↓	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

High Achievability	Moderate Achievability	Low / No Achievability

↑ Improving ◆ Constant ↓ Degrading

Slide 1.5 – Gate 4 to Gate 6 (Pre FRP)

Program Requirements

PARAMETER STATUS

PROGRAM NAME

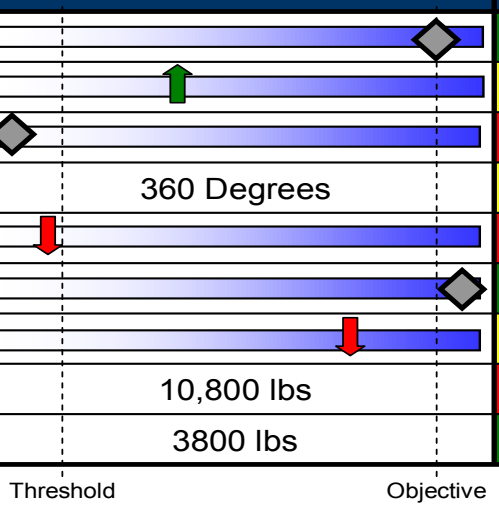
GATE 4

PM NAME

DATE UPDATED

Key Performance Parameters

KPP:	Threshold:	Objective:	Performance:	Source:
KPP #1	Classified	Classified		E
KPP #2	Classified	Classified		C
KPP #3	Classified	Classified		S
KPP #4	360 Degrees	360 Degrees	360 Degrees	C
KPP #5	>85%	>98%		S
KPP #6	≤ 1.5	≤ 1.4		E
KPP #7	≤ 30	≤ 25		C
KPP #8	≥ 9,000 lbs	≥ 9,000 lbs	10,800 lbs	S
KPP #9	≥ 3,000 lbs	≥ 3,000 lbs	3800 lbs	E



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Improving | Constant | Degrading

Meets Objective | **Meets Threshold** | **Below Threshold**

E = Estimated | **A** = Actuals | **C** = Calculated
S = Simulated | **I** = Initial Actuals

Slide 1.6 – Gate 4 to Gate 6 (Pre FRP)

Program Requirements

PARAMETER STATUS

KSAs / TPMs / Other Attributes

PROGRAM NAME

GATE 4

PM NAME

DATE UPDATED

KSA:	Status:
KSA #1	E
KSA #2	C
KSA #3	S
KSA #4	C
KSA #5	S
KSA #6	E
KSA #7	C
KSA #8	S
KSA #9	E
KSA #10	C

TPM / Other Attribute:	Status:
TPM #1	E
TPM #2	C
TPM #3	C
TPM #4	S
TPM #5	A
TPM #6	E
TPM #7	C
TPM #8	S
TPM #9	E
TPM #10	C

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Objective	Meets Threshold	Below Threshold

E = Estimated | **A** = Actuals | **C** = Calculated
S = Simulated | **I** = Initial Actuals

Slide 2.1 – Gate 2 Only

Program Requirements

SCOPE EVOLUTION

ICD / AoA Based Estimate

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

	Requirement	Funding (Budgeted / Obligated / Units)	Schedule (Used / Planned)
AoA Baseline	ICD / AoA	$12.2B / $12.2B / 15	NA/108 Months

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

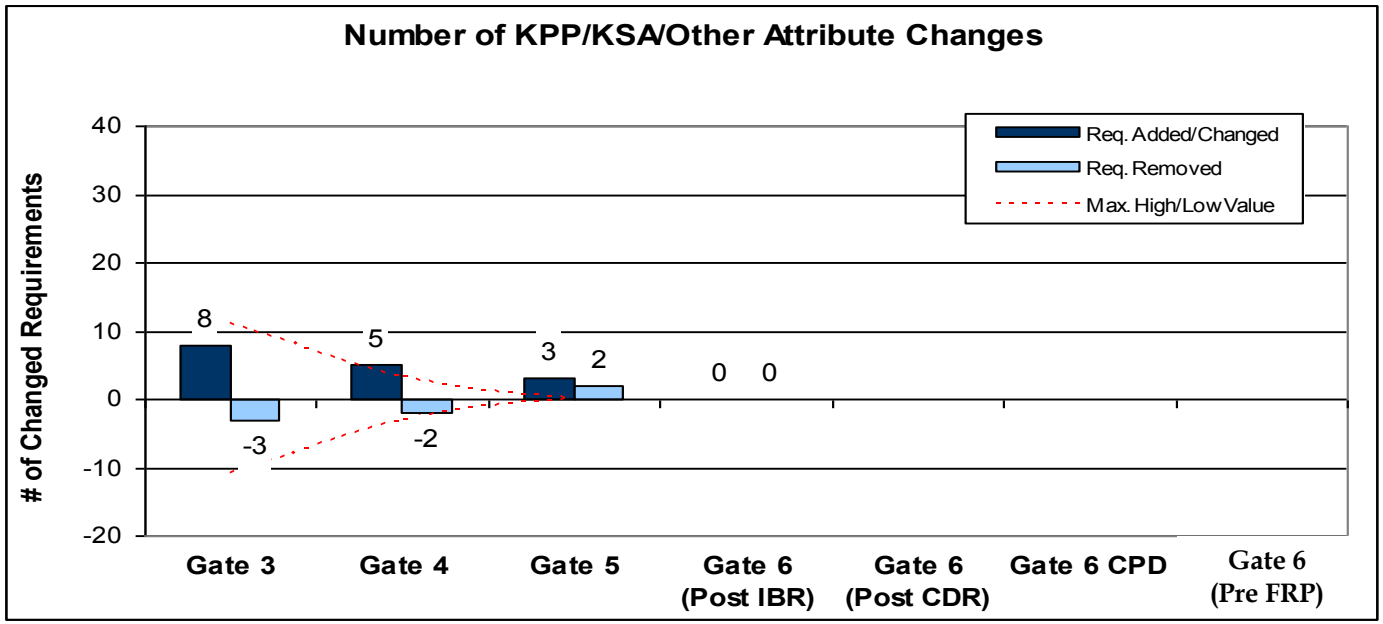
Slide 2.2 – Gate 3 to Gate 6 (Pre FRP)

Program Requirements

SCOPE EVOLUTION

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Requirements Stability



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 2.3 – Gate 3 Only

Program Requirements

SCOPE EVOLUTION

CDD Based Estimate

PROGRAM NAME
GATE 3
PM NAME
DATE UPDATED

	Requirement	Funding (Budgeted / Obligated / Units)	Schedule (Used / Planned)
AoA Baseline	ICD / AoA	$12.2B / $12.2B / 15	NA/108 Months
Current	CDD	$13.2B / $15.2B / 15	68/108 Months

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 2.4 - Gate 4 to Gate 6 (Pre FRP)

Program Requirements

SCOPE EVOLUTION

Acquisition Program Baseline

PROGRAM NAME
GATE 4
PM NAME
DATE UPDATED

	Requirement	Funding (Budgeted / Obligated / Units)	Schedule (Used / Planned)
AoA Baseline	AoA	$12.2B / $12.2B / 15	NA/108 Months
Last Gate	CDD	$13.2B / $15.2B / 15	50/108 Months
Current	CDD	$13.2B / $15.2B / 15	68/108 Months

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 3.1 – Gate 1 to Gate 6 (Pre FRP)

Program Requirements

CONOPS

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

CONOPS Development and Status

Event:	Rating:	Remarks:
Plan Exists for the Development of the CONOPS	R	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 4.1 – Gate 1 to Gate 6 (Pre FRP)

Program Resources

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

BUDGET

Program Funding & Quantities

Activity / Spiral	AoA, CONOPS, etc.			Development			Block 2					
($ in Millions / Then Year)	Prior	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY10-15	To Comp	Total
RDT&E												
Current $ (PB 08)	1257.5	68.5	55.4	48.1	58.3	41.6	50.0	47.5	47.9	417.3	200.0	1874.8
Required $	1257.5	70.0	57.0	48.1	58.3	41.6	50.0	47.5	47.9	420.4	200.0	1877.9
Delta $ (Current - Required)	0.0	(1.5)	(1.6)	0.0	0.0	0.0	0.0	0.0	0.0	(3.1)	0.0	(3.1)
PROCUREMENT												
Current $ (PB 08)	569.0	351.5	521.7	499.2	497.6	507.8	512.5	500.5	495.4	3886.2	2000.0	6455.2
Required $	569.0	351.5	521.7	499.2	497.6	507.8	512.5	500.5	495.4	3886.2	2000.0	6455.2
Delta $ (Current - Required)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O&M												
Current $ (PB 08)	0.0	0.6	2.7	6.9	10.6	30.8	44.5	46.0	46.5	188.6	1000.0	1188.6
Required $	0.0	0.6	2.7	6.9	10.6	30.8	44.5	46.0	46.5	188.6	1000.0	1188.6
Delta $ (Current - Required)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MPN												
Current $ (PB 08)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Required $	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delta $ (Current - Required)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MILCON												
Current $ (PB 08)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Required $	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delta $ (Current - Required)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL												
Current $ (PB 08)	1826.5	420.6	579.8	554.2	566.5	580.2	607.0	594.0	589.8	4492.1	3200.0	9518.6
Required $	1826.5	422.1	581.4	554.2	566.5	580.2	607.0	594.0	589.8	4495.2	3200.0	9521.7
Delta $ (Current - Required)	0.0	(1.5)	(1.6)	0.0	0.0	0.0	0.0	0.0	0.0	(3.1)	0.0	(3.1)
QUANTITIES												
Current (PB 08)	16	10	18	19	23	23	23	23	23	116	102	234.0
Required Qty	16	7	11	17	22	22	22	23	23	101	141	258.0
Delta Qty (Current - Required)	0	3	7	2	1	1	1	0	0	15	(39)	(24)

Slide 4.2 – Gate 1 to Gate 6 (Pre FRP)

Program Resources

BUDGET

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

Obligations and Expenditures

(OBL/EXP):	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
NDSF	47.8% / 15.1%	81% / 18.4%	76% / 28.4%	95% / 15.4%

PROCUREMENT:			OBLIGATIONS ($M):			EXPENDITURES ($M):		
Appropriation/ FY	Appropriated ($M)	Released BA ($M)	YTD Actual	EOY Forecast	EOY DON Standard	YTD Actual	EOY Forecast	EOY DON Standard
ND SF/FY00	288.6	288.6	284.5	288.0	288.6	281.8	285.7	288.6
%			98.6%	99.8%	100.0%	97.6%	99.0%	100.0%
ND SF/FY01	357.8	357.8	355.0	353.0	357.8	353.3	352.5	357.8
%			99.2%	98.7%	100.0%	98.7%	98.5%	100.0%
ND SF/FY02	330.8	357.0	352.3	353.0	357.0	352.3	352.0	357.0
%			106.5%	106.7%	107.9%	98.7%	98.6%	100.0%
ND SF/FY03	383.2	383.2	383.6	382.5	383.2	376.7	380.0	276.4
%			100.1%	99.8%	100.0%	98.3%	99.2%	72.1%
ND SF/FY04	722.3	716.7	360.9	361.2	722.3	583.8	585.0	522.6
%			50.4%	50.0%	100.0%	81.5%	81.6%	72.9%
ND SF/FY05	738.2	737.8	380.2	712.3	7.1	332.8	225.7	225.4
%			51.5%	96.5%	1.0%	45.1%	30.6%	30.6%
ND SF/FY06	383.3	383.3	336.6	320.0	336.7	31.8	128.4	128.4
%			87.8%	83.5%	87.8%	8.3%	33.5%	33.5%
ND SF/FY07	253.2	220.2	332.3	360.0	332.6	275.3	283.2	83.4
%			131.2%	142.2%	131.4%	125.0%	128.6%	37.9%
ND SF/FY08	753.3	230.3	385.3	360.0	263.6	0.0	21.6	21.6
%			51.1%	47.8%	35.0%	0.0%	9.4%	9.4%

Slide 5.1 – Gate 1 to Gate 6 (Pre FRP)

Program Resources

MANNING

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

Staffing Adequacy

	# of Staff									***Skill of Staff***								
	Previous			Current			Future			Previous			Current			Future		
Overall	G			G			G			G			G			G		
Program Management	G	G	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G	G
Engineering	G	G	Y	G	G	G	G	G	G	G	G	G	G	G	G	G	G	Y
Logistics	G	G	G	G	G	G	G	G	G	R	G	Y	G	G	G	G	G	G
Test and Evaluation	G	G	G	R	G	G	G	G	G	G	G	G	G	R	G	G	G	G
Contract Management	G	G	G	G	Y	G	G	G	G	G	G	G	G	G	G	G	G	G
Financial Management	G	Y	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Cost Analysis	G	G	G	G	G	G	G	Y	G	G	G	G	G	G	G	Y	G	G
Depots / Centers	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Resource Sponsors	G	G	G	G	G	G	G	G	G	G	G	G	Y	G	G	Y	G	G

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

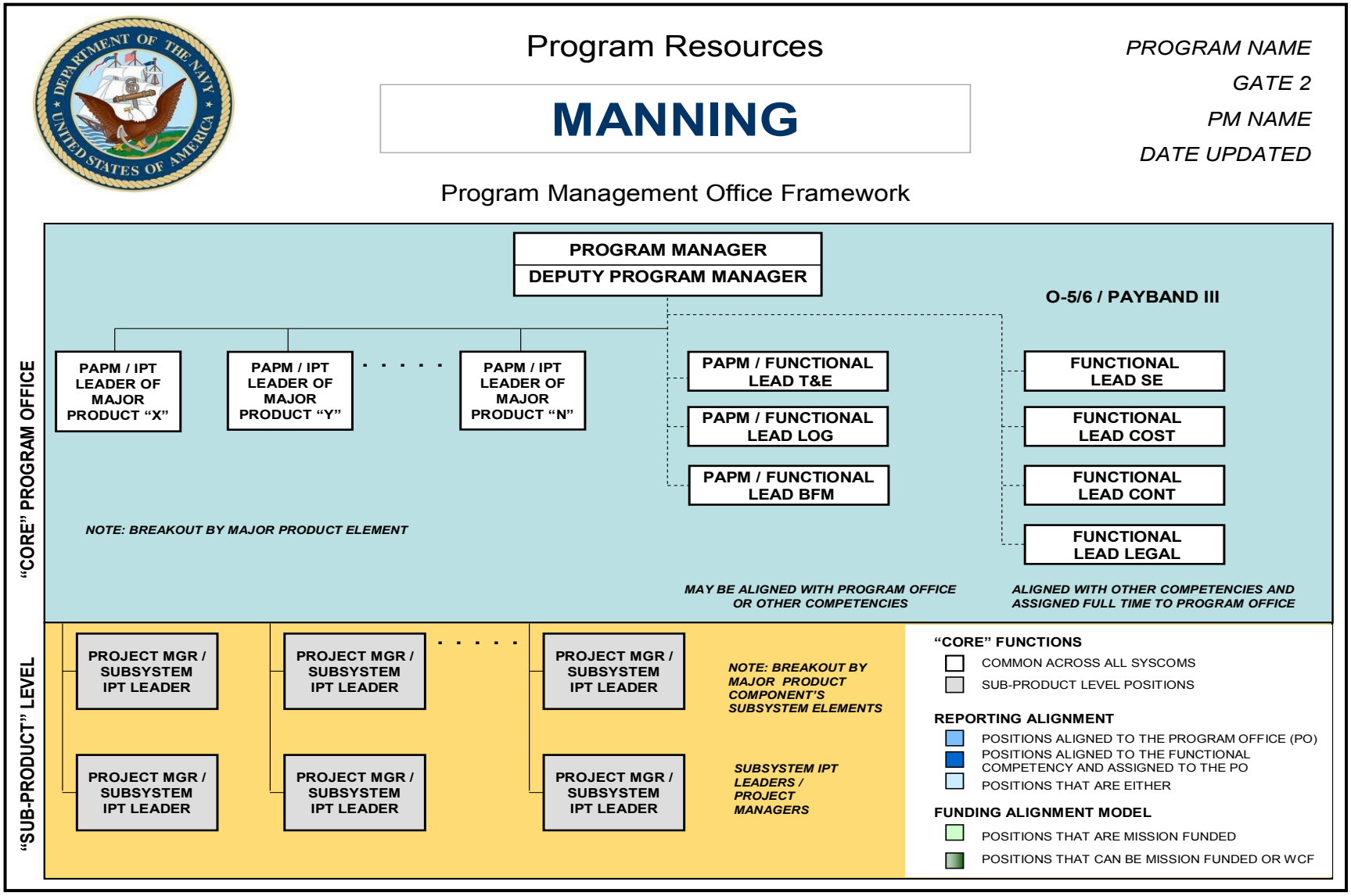
Legend

Not Applicable	Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

1: Program Management Office
2: In-House Contractor Support
3: Matrix Support

1	2	3

Slide 5.2 – Gate 2 to Gate 6 (Pre FRP)



Slide 6.1 – Gate 2 to Gate 6 (Pre FRP)

Program Planning / Execution

ACQUISITION MANAGEMENT

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

Milestone A Statutory Documentation Status

Document:	Start Date:	Written Progress:	Date Submitted:	Date Received/ Days Waiting Approval :	Remarks/Actions Required to Complete:
Acquisition Program Baseline (APB)	6 JUN 07	G	5 DEC 07	65 Days	Remarks
Analysis of Alternatives (AoA)	8 AUG 07	G	15 MAR 08	16 MAR 08	Remarks
Clinger-Cohen Act (CCA) Compliance Confirmation and Certification	12 DEC 07	Y	-	-	Remarks
Compliance with Financial Mgt Enterprise Architecture	14 JAN 08	Y	-	-	Remarks
Consideration of Technology Issues	18 JUN 08	R	-	-	Remarks
Economic Analysis	1 JUL 08	R	-	-	Remarks
EW T&E	22 JAN 07	G	15 MAR 08	14 Days	Remarks
Independent Cost Estimate (ICE)	6 JUN 07	G	30 AUG 07	10 DEC 07	Remarks
Market Research	8 AUG 07	G	15 MAR 08	5 Days	Remarks
Programmatic Environmental Safety & Health Evaluation (PESHE)	12 DEC 07	Y	-	-	Remarks
Technology Development Strategy	14 JAN 08	Y	-	-	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend:

Not Started, Not Planned to Start	Not Started by Start Date or Overdue	Work in Progress	Current/Completed

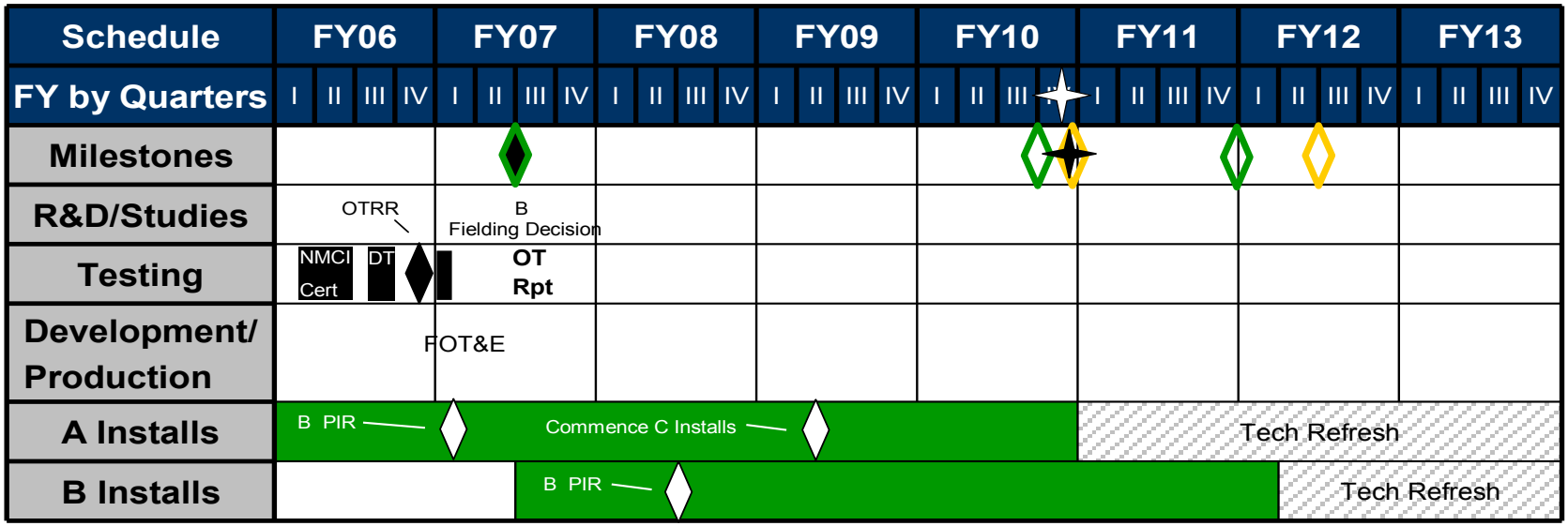
Slide 6.2 – Gate 2 to Gate 6 (Pre FRP)

Program Planning / Execution

ACQUISITION MANAGEMENT

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

Program Schedule



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

- Objective Date
- Threshold Date
- Milestone Actual
- A FOC Projected Date
- B FOC Projected Date

Slide 7.1 – Gate 2 to Gate 5

Program Planning / Execution

INDUSTRY / COMPANY ASSESSMENT

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

Industry Assessment Status

Event:	Rating:	Remarks:
Market Research Activities Have Been Ongoing	G	Remarks
Industrial Base Health	R	Remarks
Industrial Implications for Cost, Schedule, and Technical Risks Understood and Incorporated into Overall Program Plan	Y	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 7.2 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning/Execution

INDUSTRY/COMPANY ASSESSMENT

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Corporate Assessment Status

Corporate Indicators (Contractor A)		
Event:	**Rating:**	**Remarks:**
Financial Health	G	Remarks
Manpower Stability	R	Remarks
Supply Chain Commitment	Y	Remarks
Program Alignment	G	Remarks
"No Buy" List Presence	G	Remarks
Facility/Manufacturing/Production Capabilities	Y	Remarks
Senior Financial Influencers	G	Remarks
Senior Commitment to the Program	R	Remarks
Company Performance on All Current Work	Y	Remarks

Notes: Any pertinent information that can not readily be gathered from the data table above can be included in this text box. It allows an easy method by which to convey more details that the data table may warrant.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 8.1 – Gate 1 Only

Program Planning / Execution

COST ESTIMATING

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

Cost Estimation Development and Status

Event:	Rating:	Remarks:
Plan to Conduct Cost Estimates Has Been Developed	R	Remarks
Cost Estimate Range to Address Capability Alternatives Developed and Approved	Y	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Program Planning / Execution

COST ESTIMATING

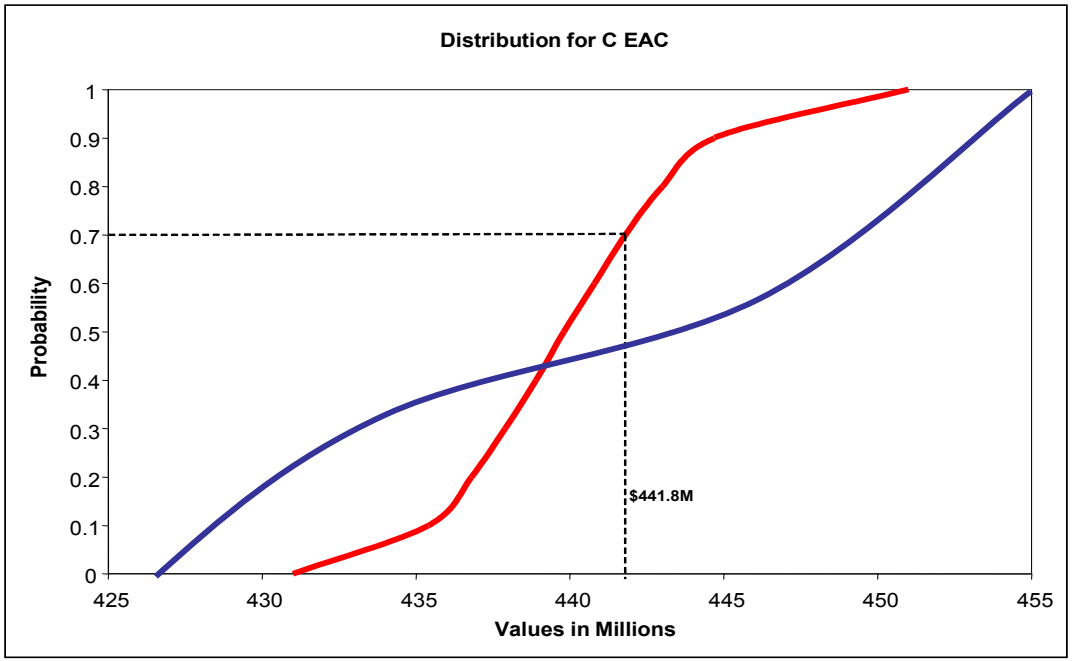
PROGRAM NAME

GATE 2

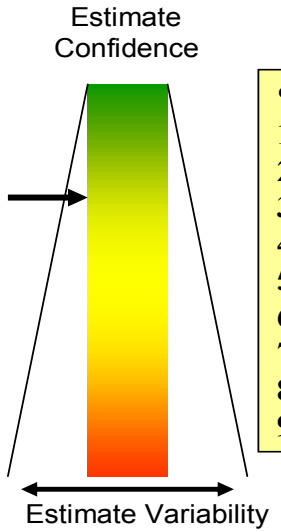
PM NAME

DATE UPDATED

S – Curve RDT&E



Cost Estimate Completed by:



% tile	$M
10%	$435.4M
20%	$436.8M
30%	$437.9M
40%	$438.9M
50%	$439.8M
60%	$440.8M
70%	$441.8M
80%	$443.0M
90%	$444.7M

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Current | Previous

Program Planning / Execution

TEST AND EVALUATION

PROGRAM NAME
GATE 1
PM NAME
DATE UPDATED

Test and Evaluation Status

T&E Item:	Rating:	Remarks:
Identified Alternatives for the AoA Can Be Evaluated	G	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Address Criteria

Slide 9.2 – Gate 3 to Gate 6 (Pre FRP)

Program Planning / Execution

TEST AND EVALUATION

PROGRAM NAME
GATE 3
PM NAME
DATE UPDATED

Planned Key Test Activities

Key Test Activity:	Remarks:
Planned Activity 1	Remarks
Planned Activity 2	Remarks
Planned Activity 3	Remarks
Planned Activity 4	Remarks
Planned Activity 5	Remarks
Planned Activity 6	Remarks

($ in Millions / Then Year)	Prior	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY10-15	To Comp	Total
RDT&E Budget (PB 08)	1257.5	68.5	55.4	48.1	58.3	41.6	50.0	47.5	47.9	293.4	200.0	1874.8
Planned T&E Appropriation	559.6	35.1	22.7	18.9	25.3	18.3	40.0	38.4	29.2	170.1	140.6	928.1
Percentage RDT&E for T&E	44.5%	51.2%	41.0%	39.3%	43.4%	44.0%	80.0%	80.8%	60.9%	58.0%	70.3%	49.5%

Notes: **T&E dollars directly reflect TEMP funding.** Activities may include developmental, operational, live fire, etc. Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 9.3 – Gate 6 (Post IBR) to Gate 6 (Pre FRP)

Program Planning / Execution

TEST AND EVALUATION

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Status of Major T&E Deficiencies

Deficiency:	Rating:	Remarks:
Deficiency #1	G	Remarks
Deficiency #2	R	Remarks
Deficiency #3	Y	Remarks
Deficiency #4	G	Remarks
Deficiency #5	G	Remarks
Deficiency #6	Y	Remarks
Deficiency #7	G	Remarks
Deficiency #8	Y	Remarks
Deficiency #9	R	Remarks
Deficiency #10	R	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Address Criteria

Slide 10.1 – Gate 1 Only

Program Planning / Execution

TECHNICAL MATURITY

ICD Technical Assessment

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

Critical Technology Elements:	Remarks
CTE 1	Remarks
CTE 2	Remarks
CTE 3	Remarks
CTE 4	Remarks
CTE 5	Remarks
CTE 6	Remarks
CTE 7	Remarks
CTE 8	Remarks
CTE 9	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 10.2 – Gate 2 Only

Program Planning / Execution

TECHNICAL MATURITY

PROGRAM NAME
GATE 2
PM NAME
DATE UPDATED

Technology Assessment Maturity Summary

AoA Alternative:	Critical Technology Elements:	Current TRL:	Projected Next Gate:	Projected MS B:
A	CTE 1	N/A	1	5
A	CTE 2	2	3	6
A	CTE 3	N/A	2	4
B	CTE 1	N/A	2	5
B	CTE 5	2	3	6
B	CTE 6	1	3	6
C	CTE 7	N/A	3	6
C	CTE 8	1	2	6
C	CTE 9	2	2	4

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Does Not Meet Required TRL

Slide 10.3 – Gate 3 Only

Program Planning / Execution

TECHNICAL MATURITY

PROGRAM NAME
GATE 3
PM NAME
DATE UPDATED

Technology Assessment Maturity Summary

Critical Technology Elements:	Current TRL:	Last Gate:	Projected MS B:
CTE 1	5	1	5
CTE 2	5	3	6
CTE 3	4	2	4
CTE 4	4	2	5
CTE 5	5	3	6
CTE 6	6	3	6
CTE 7	6	3	6
CTE 8	6	2	6
CTE 9	3	2	4

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Does Not Meet Required TRL

Slide 10.4 – Gate 4 to Gate 6 (Pre FRP)

Program Planning / Execution

TECHNICAL MATURITY

PROGRAM NAME
GATE 4
PM NAME
DATE UPDATED

Technology Assessment Maturity Summary

Critical Technology Elements:	Current TRL:	Last Gate:	Projected Next Gate:
CTE 1	6	1	6
CTE 2	5	3	6
CTE 3	7	2	7
CTE 4	7	2	8
CTE 5	6	3	6
CTE 6	6	3	7
CTE 7	7	3	7
CTE 8	5	2	6
CTE 9	6	2	6

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Does Not Meet Required TRL

Slide 11.1 – Gate 1 to Gate 6 (Pre FRP)

Program Planning / Execution

SUSTAINMENT

PROGRAM NAME
GATE 1
PM NAME
DATE UPDATED

AoA Sustainment Considerations

Sustainment Item:	Rating:	Remarks:
FSA Adequately Addresses Sustainment Approaches for each Alternative	G	Remarks
ICD includes minimum attributes for reliability, maintainability, availability & ownership cost characteristics; Reliability KSA supports availability KPP and ownership cost KSA	R	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 11.2 – Gate 3 to Gate 6 (Pre FRP)

Program Planning / Execution

SUSTAINMENT

Sustainment Strategy Status

PROGRAM NAME
GATE 3
PM NAME
DATE UPDATED

Sustainment Item:	Rating:	Remarks:
Maintenance Planning	G	
Supply Support	R	
Technical Data	Y	
Computer Resources Report	G	
Package, Handling, Storage and Transportation (PHS&T)	G	
Manpower and Personnel	G	
Support Equipment	Y	
Training and Training Support	G	
Facilities	R	
Environment, Safety and Occupational Health (ESOH)	G	
Design Interface	G	

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Supports Activities	Some Gaps Exist	Significant Gaps Exist

Slide 12.1 – Gate 1 to Gate 6 (Pre FRP)

Program Planning / Execution

SOFTWARE

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Software Sub-Metric Ratings

Sub-Metric:	Rating:	Remarks:
Size / Stability	3/5	- Driven by lack of plan - Size/Stability easily remedied
Organization	25/25	- Trained Staff in place; staffing plan for all phases developed
Cost / Schedule	10/15	- Baseline establishment in progress
Quality	0/5	- Plan is immature

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Program Planning / Execution

SOFTWARE

Size/Stability Sub-Metric

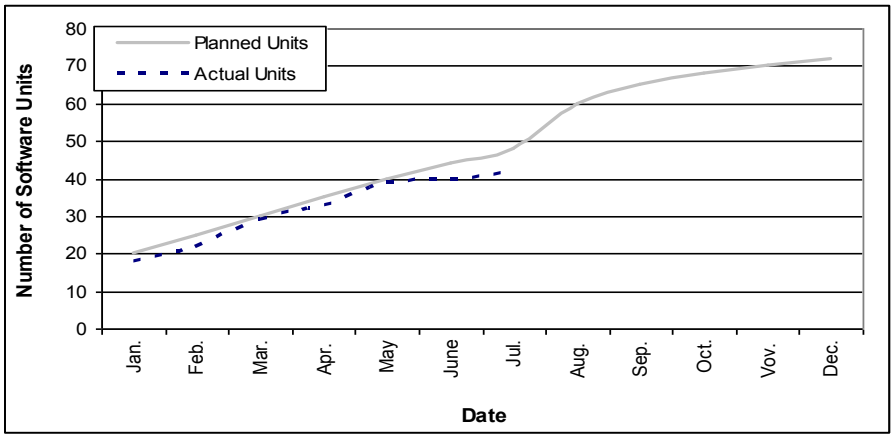
PROGRAM NAME

GATE 6 (Post IBR)

PM NAME

DATE UPDATED

Software Size / Stability



Remarks / Notes

Remarks section should describe anomalies, trends of interest, waiver status and/or planned mitigating actions or events (if appropriate), and any other information relevant to understand program health of that metric.

- More remarks

- More remarks

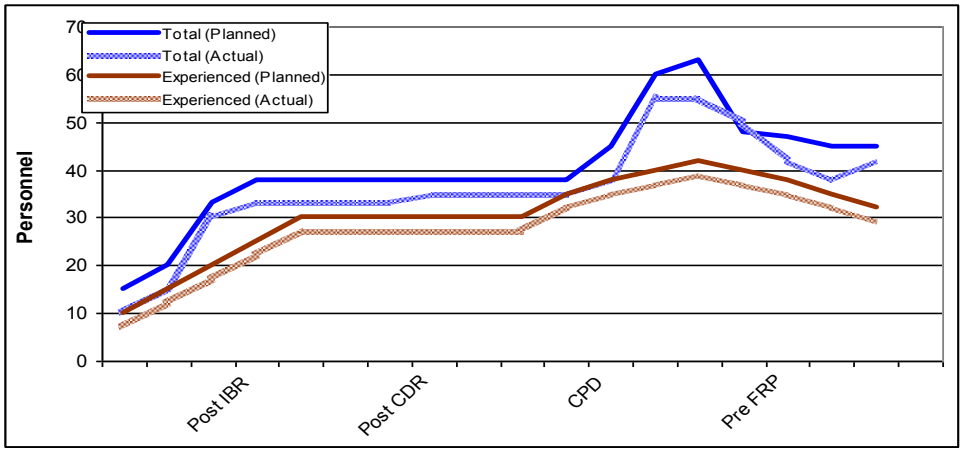
Program Planning / Execution

SOFTWARE

Organization Sub-Metric

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Software Organization



Remarks / Notes

Remarks section should describe anomalies, trends of interest, waiver status and/or planned mitigating actions or events (if appropriate), and any other information relevant to understand program health of that metric.

- More remarks

- More remarks

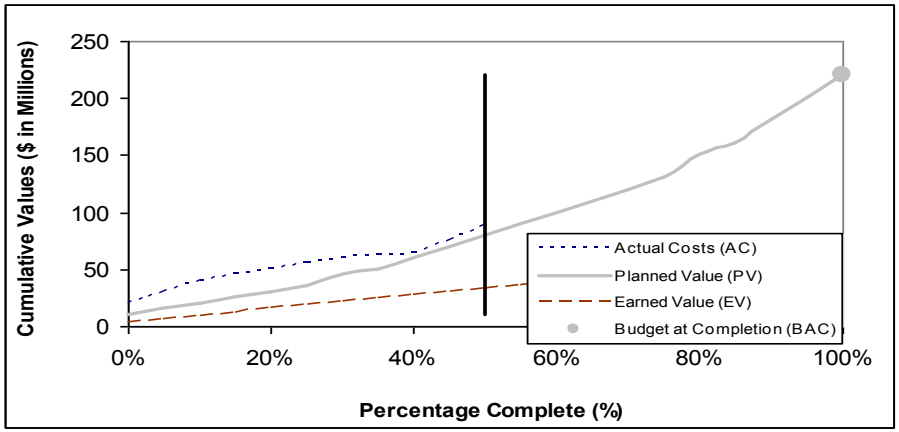
Program Planning / Execution

SOFTWARE

Cost/Schedule Sub-Metric

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Software Cost/Schedule



Remarks / Notes

Remarks section should describe anomalies, trends of interest, waiver status and/or planned mitigating actions or events (if appropriate), and any other information relevant to understand program health of that metric.

- More remarks

- More remarks

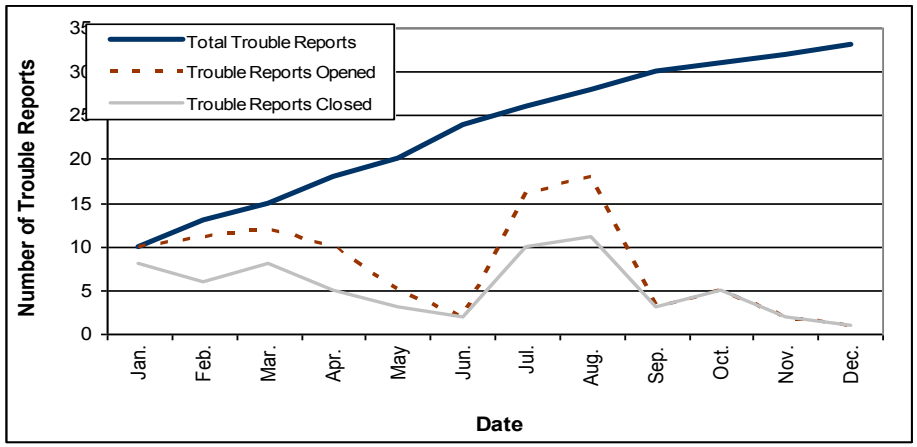
Program Planning / Execution

SOFTWARE

Quality Sub-Metric

PROGRAM NAME
GATE 6 (Post IBR)
PM NAME
DATE UPDATED

Software Quality



Remarks / Notes

Remarks section should describe anomalies, trends of interest, waiver status and/or planned mitigating actions or events (if appropriate), and any other information relevant to understand program health of that metric.

- More remarks

- More remarks

Slide 13.1 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning / Execution

CONTRACT EXECUTION

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Contract Execution Breakdown

Contractor:	Rating:
Contractor 1	R
Contractor 2	Y
Contractor 3	G
Contractor 4	R
Contractor 5	Y
Contractor 6	R

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 13.2 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning / Execution

CONTRACT EXECUTION

Contractor 1 Rating

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Contractor 1	R

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 13.3 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts that have EVM Data*

Program Planning / Execution

CONTRACT EXECUTION

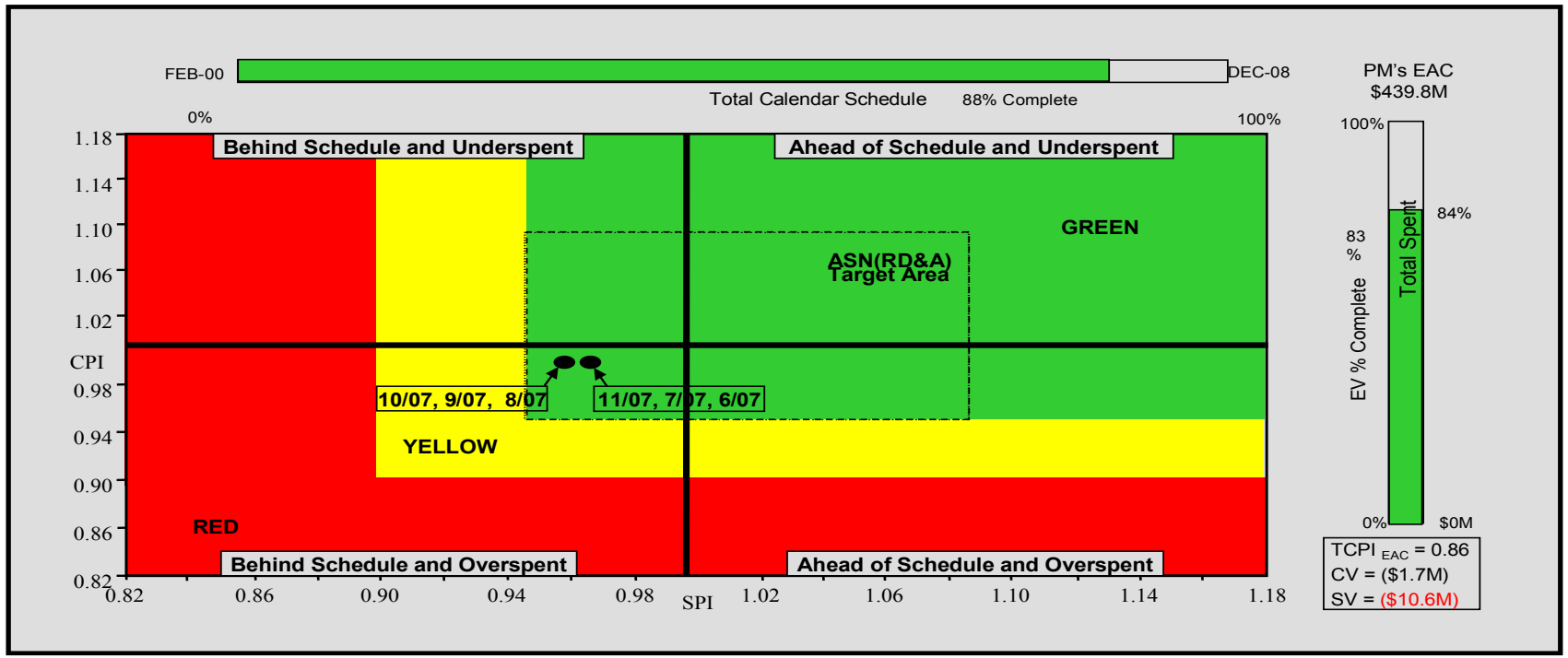
Earned Value Metrics

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 13.4 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts that do not have EVM Data*

Program Planning / Execution

CONTRACT EXECUTION

Non-EVMS Contract Status

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Metric:	Value:
Schedule Used / Allocated:	**15 months / 60 months**
Budget Used / Allocated:	**$16M / 42M**
Behind Schedule (Y/N):	**No**
Overspending (Y/N):	**Yes**

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 13.5 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning / Execution

CONTRACT EXECUTION

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Contractor Performance Assessment Report

Contractor: Contractor Name ABC					**Contract Start Date: MM/DD/YYYY**				
Program: Program Name XYZ					**Estimated Completion Date: MM/DD/YYYY**				
Contract Number: 123456789									
Item: (CPAR or IPAR)	**IPAR**	**IPAR**	**IPAR**	**CPAR**	**IPAR**	**IPAR**	**IPAR**	**IPAR**	**IPAR**
Period Ending: MM YYYY	**Sep '03**	**Apr '04**	**Sep '04**	**Apr '05**	**Sep '05**	**Apr '06**	**Sep '06**	**Apr '07**	**Sep '07**
Months Covered: NR	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**
Areas to Evaluate									
a. Technical (Quality of Product)	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►	VG ►	VG ►	VG ►	VG ►
1. Product Performance	SAT ►	SAT ▼	SAT ►	SAT ►	SAT ▲	SAT ▲	SAT ▲	VG ▼	VG ►
2. Systems Engineering	SAT ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
3. Software Engineering	VG ►	VG ►	VG ►	EXC ►	VG ►	VG ►	VG ►	VG ►	VG ►
4. Logistics Support/Sustainment	VG ►	VG ▲	VG ▲	EXC ►	VG ►	VG ►	VG ▲	VG ▲	VG ▲
5. Product Assurance	N/A	SAT ►	N/A	VG ►	N/A	VG ►	VG ▲	EXC ►	EXC ►
6. Other Technical Performance	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
b. Performance	SAT ►	VG ►	VG ►	N/A	VG ▼	VG ►	VG ►	VG ►	VG ►
1. Schedule	UNS ▲	MARG ▲	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►
2. Cost Control	VG ▼	VG ►	VG ►	SAT ►	VG ▼	VG ►	VG ►	VG ►	VG ►
c. Management	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
1. Management Responsiveness	UNS ▲	UNS ▲	MARG ▲	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
2. Subcontract Management	MARG ▲	MARG ▲	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►	SAT ►
3. Program Mgmt. and Other Mgmt.	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
d. Other Areas	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1. Communications	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►	VG ►
2. Risk Management	EXC ►	EXC ►	EXC ►	EXC ►	EXC ►	EXC ►	EXC ►	EXC ►	EXC ►

EXC Exceeds VG Very Good SAT Satisfactory MARG Marginally Meets UNS Unsatisfactory

► No Change ▲ Improving ▼ Degrading

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 13.6 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning / Execution

CONTRACT EXECUTION

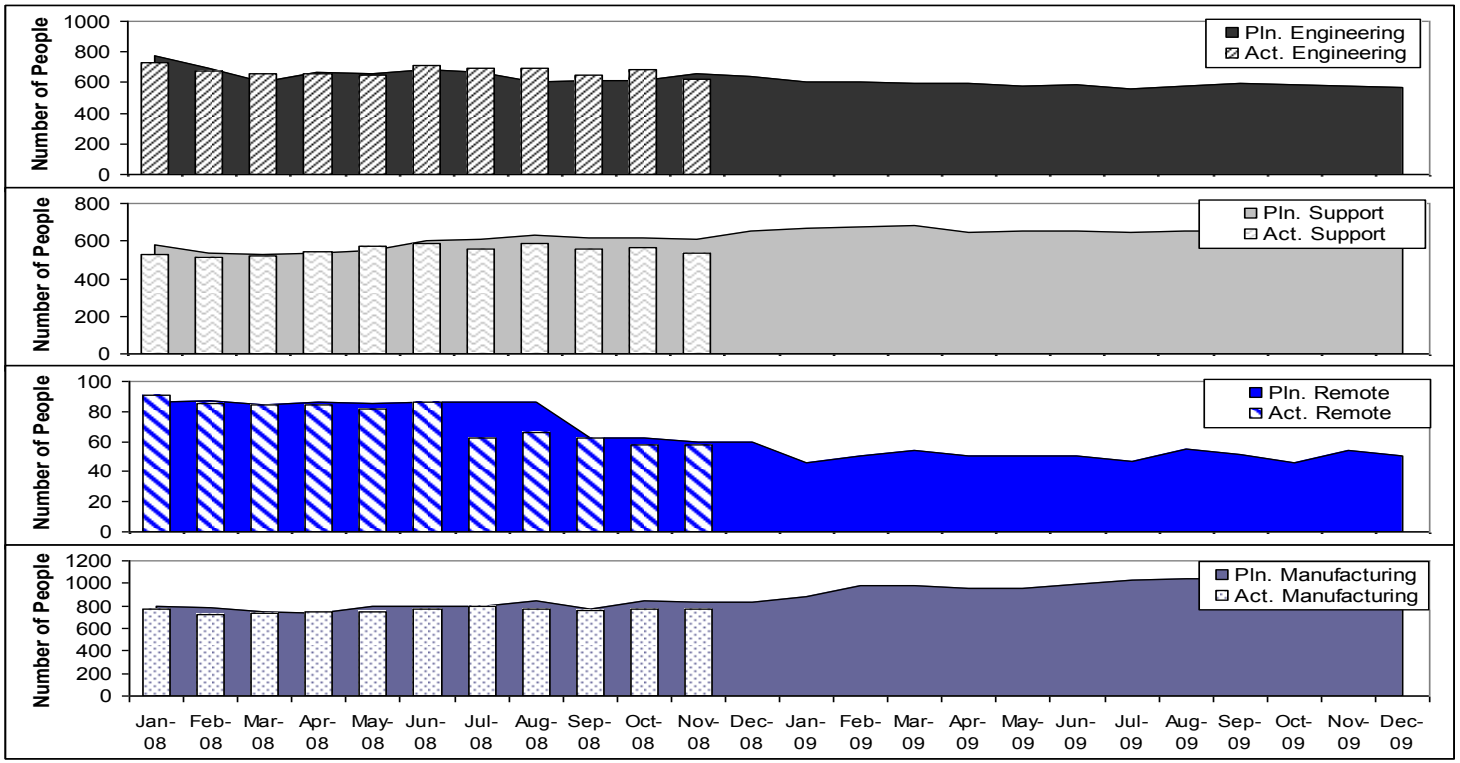
PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Contractor Staffing Plan / Execution



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 13.7 – Gate 2 to Gate 6 (Pre FRP)*

**For Gates 2-5, Only Use for Major Current Contracts*

Program Planning / Execution

CONTRACT EXECUTION

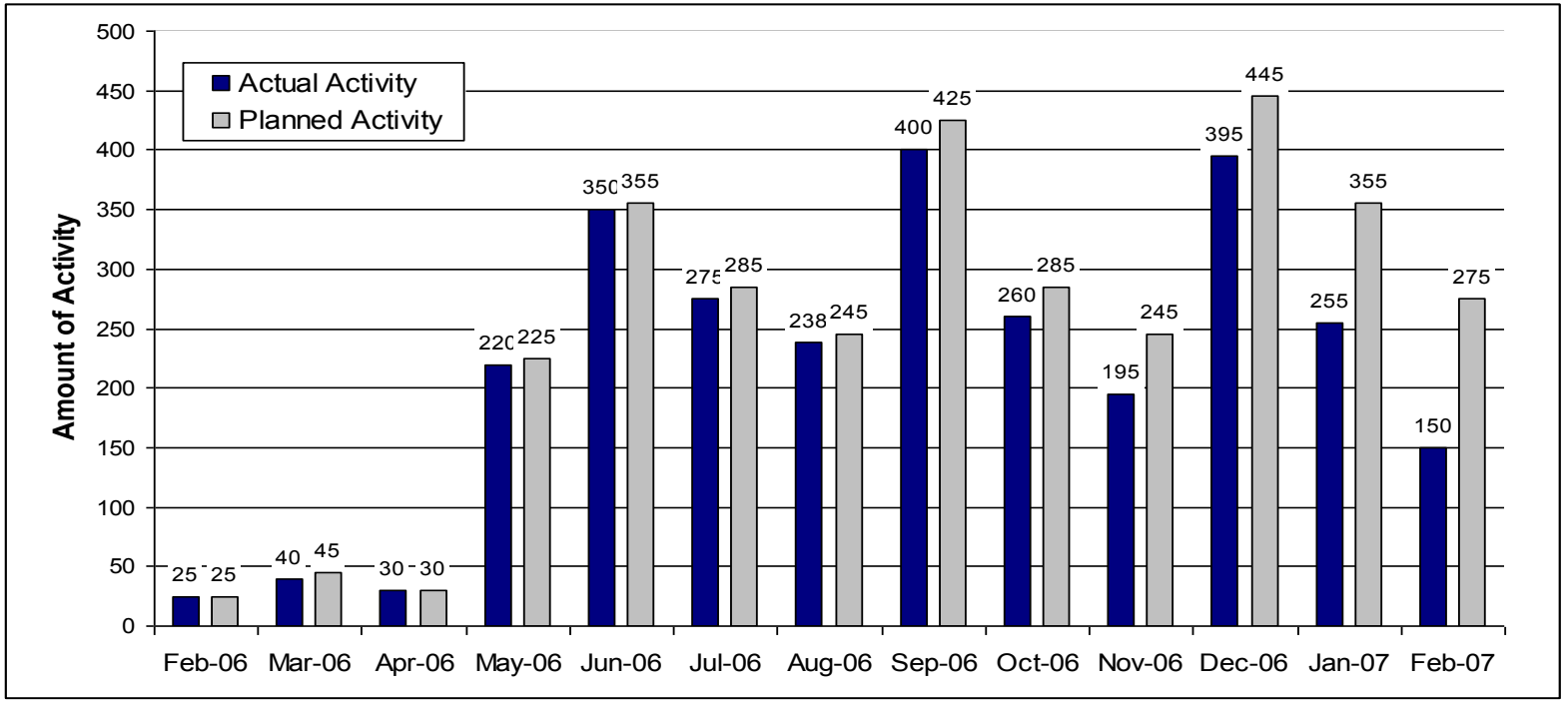
PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Work Package Status



Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Actual Activity	Planned Activity

Slide 14.1 – Gate 2 to Gate 6 (Pre FRP)

Program Planning / Execution

GOVERNMENT PROGRAM OFFICE PERFORMANCE

PROGRAM NAME

GATE 2

PM NAME

DATE UPDATED

Government Performance Assessment

Event:	Rating:	Remarks:
All RFI/RFP inquiries have been answered per requested due date	G	Remarks
Plan to define intra-government requirements has been developed	G	Remarks
Government facilities to support contractor requirements defined and identified	Y	Remarks

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

Meets Criteria	Partially Meets Criteria	Does Not Meet Criteria

Slide 15.1 – Gate 1 to Gate 6 (Pre FRP)

External Influencers

FIT IN VISION

Fit in OSD and Service Vision

PROGRAM NAME

GATE 1

PM NAME

DATE UPDATED

OSD Fit in Vision:

Program aligns with current documented Office of the Secretary of Defense (OSD) capability guidance/vision (e.g., Guidance for the Development of the Force (GDF), Quadrennial Defense Review (QDR))

Navy / USMC Fit in Vision:

Program aligns with current documented Navy/Marine Corps strategies (e.g., Navy Strategic Plan (NSP), A Cooperative Strategy for 21st Century Seapower, Chief of Naval Operations (CNO)/Commandant of the Marine Corps (CMC) Guidance)

Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Slide 16.1 – Gate 1 to Gate 6 (Pre FRP)

External Influencers

PROGRAM ADVOCACY

Stakeholder Support Status

PROGRAM NAME
GATE 1
PM NAME
DATE UPDATED

Stakeholder:	Rating:	Remarks:
Congressional	G	Remarks
AT&L	G	Remarks
ASD C3I	G	Remarks
PA&E	Y	Remarks
DOT&E	R	Remarks
ASD (Comptroller)	R	Remarks
DON/CNO/CMC	Y	Remarks
Joint Staff and COCOM	R	Remarks
International Partners*	R	Remarks
Other Services*	G	Remarks

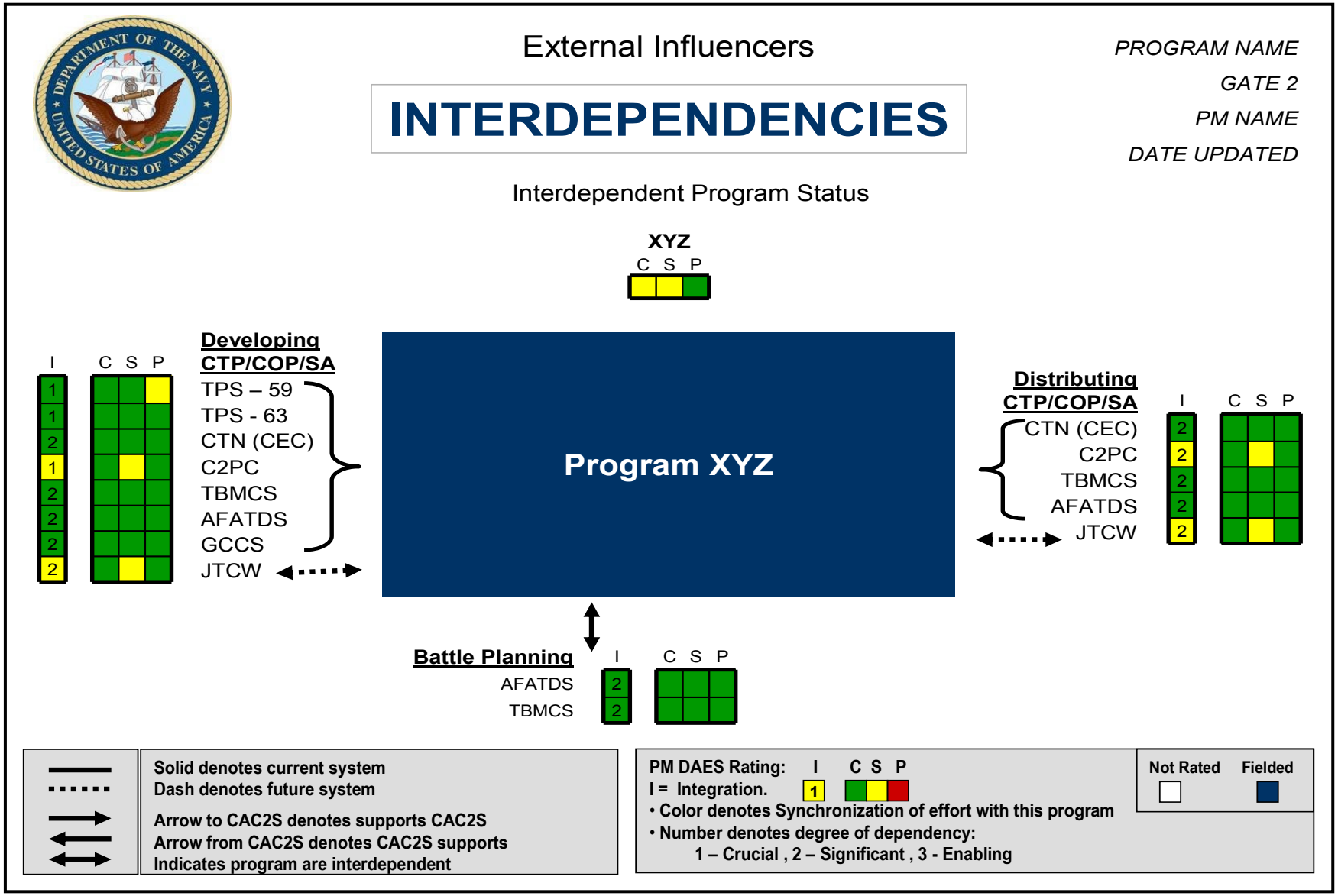
Notes: Any pertinent information that cannot be readily gathered from the data table above can be included in this text box. It provides an easy method of conveying more details than the data table may allow.

Legend

** This stakeholder may not be applicable to the Program.*
See the Naval PoPS Criteria Handbook for more information.

Not Applicable	Supporting	Neutral	Opposing

Slide 17.1 – Gate 2 to Gate 6 (Pre FRP)



Chapter 2

Naval PoPS Visuals Spreadsheet Instructions

1.0 NAVAL POPS VISUALS SPREADSHEET OVERVIEW

Chapter 2 provides information on the Naval PoPS Visuals Spreadsheet: a Microsoft Excel tool that was built to assist users in automatically creating some of the charts and tables found in the Metric Visuals [PowerPoint (PPT) slide templates]. Users can enter data in the spreadsheet for applicable Program Health Metrics (see list of Metrics below); then copy and paste the chart or table onto the associated Metric Visual PPT slide template.

Components of the following Metric Visual Templates can be created using the Naval PoPS Visuals Spreadsheet:

- Scope Evolution
- Budget
- Manning
- Cost Estimating
- Test and Evaluation
- Software
- Contract Execution

All components of the Metric Visuals not found in the Naval PoPS Visuals Spreadsheets must be modified manually in the Metric Visual PowerPoint slide templates.

It is important to note that there are two versions of the Naval PoPS Visuals Spreadsheet files for Gates 3 and 4; separate files were created because some of the Metric Criteria and associated Visuals for Gates 3 and 4 are tailored specifically to program initiation at Milestone A versus Milestone B. The Naval PoPS Visuals Spreadsheet reference files include:

Gate 1_POPS VISUALS_MMDDYY_v1.xls
Gate 2_POPS VISUALS_MMDDYY_v1.xls
Gate 3_MSA_POPS VISUALS_MMDDYY_v1.xls
Gate 3_MSB_POPS VISUALS_MMDDYY_v1.xls
Gate 4_MSA_POPS VISUALS_MMDDYY_v1.xls
Gate 4_MSB_POPS VISUALS_MMDDYY_v1.xls
Gate 5_POPS VISUALS_MMDDYY_v1.xls
Gate 6 Post IBR_POPS VISUALS_MMDDYY_v1.xls
Gate 6 Post CDR_POPS VISUALS_MMDDYY_v1.xls
Gate 6 CPD_POPS VISUALS_MMDDYY_v1.xls
Gate 6 Pre FRP_POPS VISUALS_MMDDYY_v1.xls

2.0 NAVAL POPS VISUALS SPREADSHEET COMPONENTS

This section provides information on the main components of the Naval PoPS Visuals Spreadsheet.

2.1 Directions Tab

The Naval PoPS Visuals Spreadsheet Directions Tab (see Figure 1) provides general instructions for using the spreadsheet.

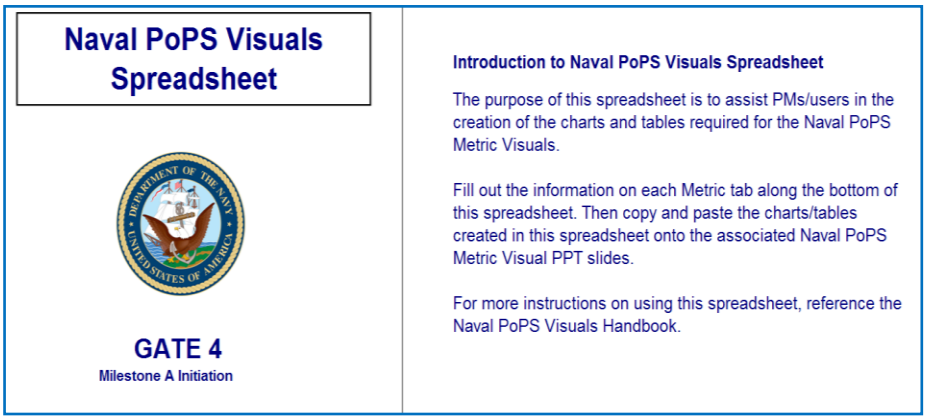
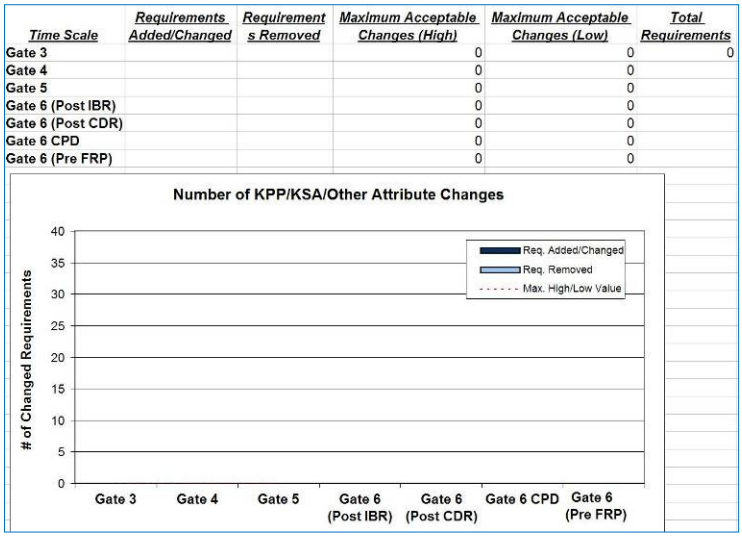


Figure 1: Visual Spreadsheet Directions Tab.

2.2 Metric Tabs

Following the Directions tab, there is a series of Metric tabs that the Program Manager can use to create some of the charts and tables required for the Metric Visual PowerPoint slides. Each Metric tab contains a series of data rows and columns that must be completed in order to generate the associated chart or table. By default, these values are either blank or zero (see Figure 2).

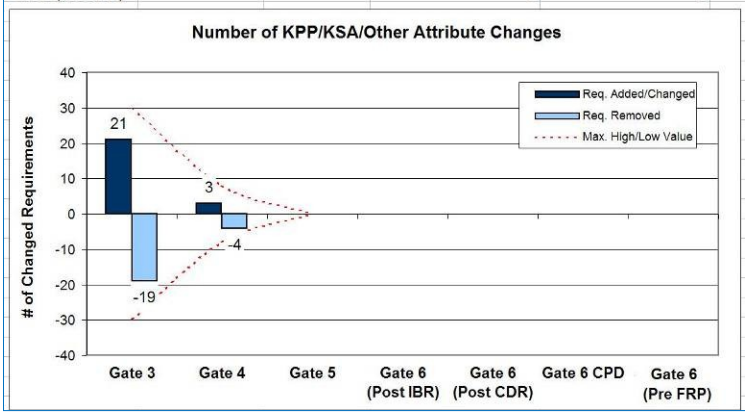


By default, all data points are set to zero or are blank. Therefore, there are no values populated on the associated chart.

Figure 2: Default Metric Tab view before data input.

As information is entered into the spreadsheet, the chart or table will be created automatically (see Figure 3). The user must complete the required information in each Metric tab along the bottom of the Visuals Spreadsheet for the upcoming program review.

Time Scale	Requirements Added/Changed	Requirements Removed	Maximum Acceptable Changes (High)	Maximum Acceptable Changes (Low)	Total Requirements
Gate 3	21	-19	30	-30	150
Gate 4	3	-4	8	-8	
Gate 5			0	0	
Gate 6 (Post IBR)			0	0	
Gate 6 (Post CDR)			0	0	
Gate 6 CPD			0	0	
Gate 6 (Pre FRP)			0	0	



Once the user completes the required data fields, the chart will be generated automatically.

Figure 3: Populated Metric Tab with automatically generated graph content.

3.0 METRIC VISUAL POWERPOINT TEMPLATES

As mentioned previously, the Naval PoPS Visuals Spreadsheet assists users in the development of charts and tables required for the Metric Visual PowerPoint templates. To complete the templates, follow the four steps outlined below:

Step 1: Open the Naval PoPS Visuals Spreadsheet and complete the information required within each Metric tab. The spreadsheet will automatically generate the charts and tables based on the information provided by the user (as explained in Section 2.0).

Step 2: Open the appropriate Naval PoPS Gate Review Brief file. Go to the Metric Visuals PowerPoint slide template where you would like to paste the chart or table.

Step 3: Copy and paste the chart or table generated in the Visuals Spreadsheet onto the assocated Metric Visuals PowerPoint slide template.

Step 3a: If a Security Warning window appears, click the “Enable Macros” button (see Figure 4). If the window appears more than once, click the “Enable Macros” button each time.

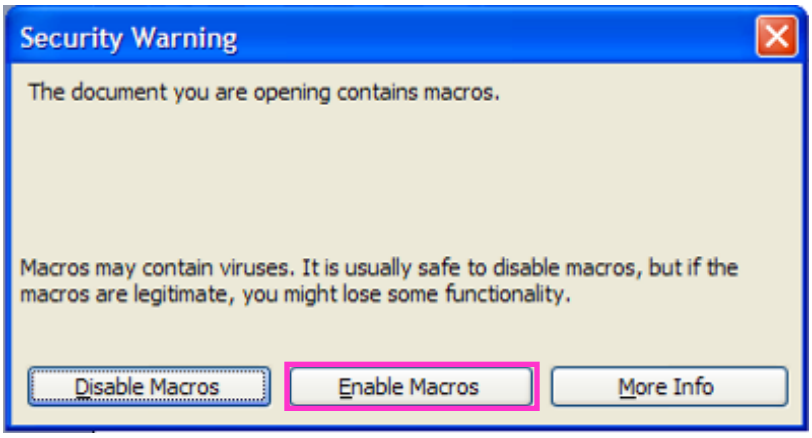


Figure 4: Security Warning window; click Enable Macros button.

Step 4: Resize the chart or table as necessary, being careful not to distort the image (see Figure 5).

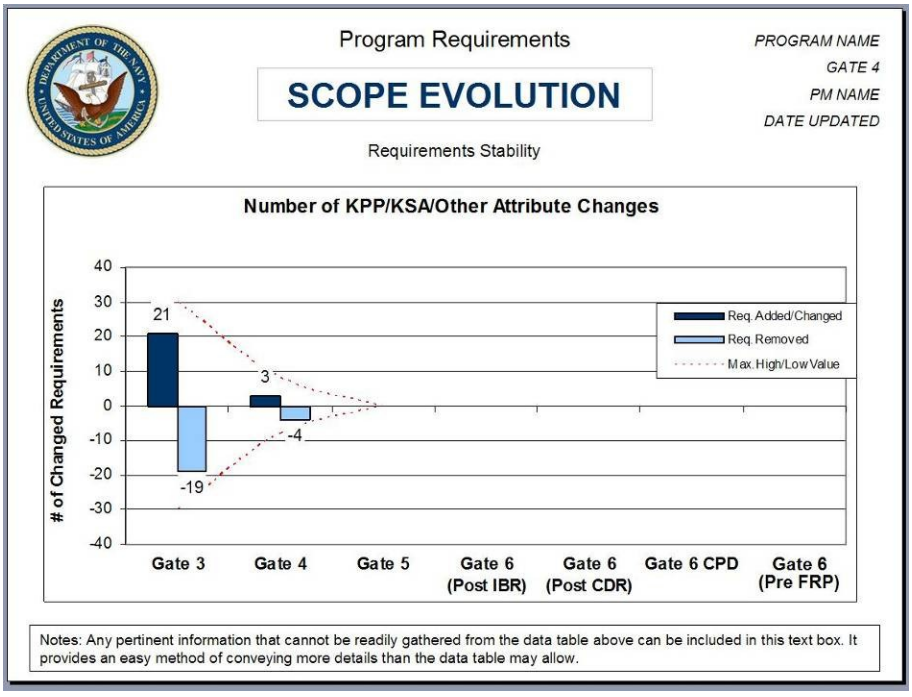


Figure 5: Final Metric Visual with graph generated in Naval PoPS Visuals Spreadsheet.